



8165 E. Kaiser Blvd. Anaheim, CA 92808

www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L052510785.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L052510785

[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)

[ISSUE DATE] 6/4/2025

[MANUFAC] Vista Professional Outdoor Lighting

[LUMCAT] 1142-WW-RGBW-(R)

[LUMINAIRE] 1142 Wall Wash Red Output

[BALLASTCAT] ELDOLED PW50U-M4Z0X1

[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND

[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.

[MORE] Base file 80239581-37

[INPUT] 120VAC

[TEST PROCEDURE] IESNA:LM-79-19

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	268.02
Maximum Candela Angle	-1H 22.5V
Horizontal Beam Angle (50%)	81.8
Vertical Beam Angle (50%)	52.4
Horizontal Field Angle (10%)	135.4
Vertical Field Angle (10%)	138.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	192
Beam Efficiency	N.A.
Field Lumens	439
Field Efficiency	N.A.
Spill Lumens	19
Luminaire Lumens	458
Total Efficiency	N.A.
Total Luminaire Watts	15.39
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1.39	85	1.22
75	15.5	75	21.17
65	37.1	65	65.41
55	58.21	55	114.01
47.5	73.22	47.5	148.07
42.5	83.07	42.5	173.78
37.5	92.97	37.5	204.98
33	102.25	33	234.92
29	110.47	29	257.52
25.5	117.42	25.5	267.5
22.5	123.02	22.5	267.35
19.5	128.1	19.5	258.64
17	131.92	17	246.89
15	134.65	15	235.47
13	137.07	13	223.41
11	139.19	11	211.04
9	140.94	9	198.48
7	142.36	7	185.81
5	143.55	5	173.08
3	144.21	3	159.7
1	144.06	1	148.85
0	143.85	0	143.85
-1	144.06	-1	137.97
-3	144.21	-3	126.83
-5	143.55	-5	117.59
-7	142.36	-7	109.94
-9	140.94	-9	104.3
-11	139.19	-11	100.4
-13	137.07	-13	97.7
-15	134.65	-15	95.46
-17	131.92	-17	93.78
-19.5	128.1	-19.5	92.27
-22.5	123.02	-22.5	91.4
-25.5	117.42	-25.5	91.77
-29	110.47	-29	93.42
-33	102.25	-33	95.53
-37.5	92.97	-37.5	94.79
-42.5	83.07	-42.5	87.28
-47.5	73.22	-47.5	76.27
-55	58.21	-55	57.18
-65	37.1	-65	26.91
-75	15.5	-75	8.9
-85	1.39	-85	.85
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 268.02

Beam Edge = 134.01 Cd (50% of Max.)

Field Edge = 26.802 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.02	0.15	0.42	0.84	1.26	1.49	1.60	1.65	1.76
75.0	0.00	0.07	0.86	3.69	8.94	12.52	15.20	17.55	19.14	20.30
65.0	0.00	0.13	2.36	9.83	24.69	35.00 *	41.10 *	46.78 *	51.62 *	55.33 *
55.0	0.00	0.32	4.57	17.40	44.75 *	64.41 *	74.43 *	83.00 *	89.63 *	94.78 *
47.5	0.00	0.56	6.38	22.53	56.89 *	86.82 *	102.06 *	114.13 *	121.88 *	128.06 *
42.5	0.00	0.70	7.72	25.43	62.82 *	98.24 *	119.06 *	134.98 *	145.63 *	152.76 *
37.5	0.00	0.84	8.99	27.52 *	65.80 *	106.23 *	131.45 *	152.90 *	168.01 *	178.29 *
33.0	0.00	0.95	10.05	29.18 *	66.22 *	107.14 *	136.56 *	163.28 *	183.53 *	197.53 *
29.0	0.00	1.04	11.04	30.68 *	65.68 *	105.40 *	135.13 *	163.88 *	187.40 *	205.98 *
25.5	0.00	1.11	11.82	31.77 *	64.55 *	101.80 *	130.65 *	159.85 *	184.37 *	204.27 *
22.5	0.00	1.16	12.43	32.09 *	62.71 *	97.75 *	125.08 *	152.87 *	177.31 *	197.94 *
19.5	0.00	1.21	12.96	33.02 *	62.06 *	93.60 *	118.27 *	144.67 *	167.96 *	187.47 *
17.0	0.00	1.25	13.44	33.69 *	61.06 *	89.41 *	113.03 *	137.23 *	159.19 *	177.69 *
15.0	0.00	1.28	13.80	34.13 *	59.95 *	87.07 *	108.27 *	131.32 *	151.96 *	169.53 *
13.0	0.00	1.30	14.13	34.49 *	59.61 *	84.34 *	103.92 *	125.18 *	144.64 *	161.36 *
11.0	0.00	1.36	14.43	34.76 *	59.31 *	81.44 *	99.68 *	119.10 *	137.20 *	152.95 *
9.0	0.00	1.37	14.70	35.32 *	58.83 *	79.74 *	95.33 *	113.18 *	129.79 *	144.30 *
7.0	0.00	1.37	14.93	35.84 *	58.26 *	77.87 *	92.35 *	107.69 *	122.44 *	135.81 *
5.0	0.00	1.38	15.25	36.29 *	58.40 *	76.06 *	89.06 *	103.11 *	116.19 *	127.61 *
3.0	0.00	1.38	15.35	36.75 *	58.53 *	75.21 *	86.85 *	98.78 *	110.13 *	120.31 *
1.0	0.00	1.39	15.45	36.98 *	58.32 *	73.89 *	84.33 *	94.99 *	104.94 *	113.78 *
0.0	0.00	1.39	15.50	37.10 *	58.21 *	73.22 *	83.07 *	92.97 *	102.25 *	110.47 *
-1.0	0.00	1.39	15.56	37.30 *	58.40 *	73.12 *	82.56 *	91.80 *	100.24 *	107.75 *
-3.0	0.00	1.40	15.69	37.69 *	58.78 *	72.92 *	81.54 *	89.30 *	96.12 *	102.34 *
-5.0	0.00	1.40	15.82	37.86 *	58.86 *	72.38 *	80.34 *	87.51 *	93.40 *	98.19 *
-7.0	0.00	1.41	15.73	38.03 *	58.97 *	72.28 *	79.91 *	86.24 *	91.16 *	95.30 *
-9.0	0.00	1.42	15.71	38.12 *	59.21 *	72.24 *	79.43 *	85.38 *	89.86 *	93.19 *
-11.0	0.00	1.42	15.65	38.11 *	59.38 *	72.15 *	79.19 *	84.76 *	88.81 *	91.70 *
-13.0	0.00	1.37	15.56	38.16 *	59.47 *	72.24 *	78.98 *	84.27 *	88.02 *	90.63 *
-15.0	0.00	1.35	15.42	38.09 *	59.50 *	72.29 *	78.84 *	83.89 *	87.42 *	89.77 *
-17.0	0.00	1.33	15.24	37.94 *	59.55 *	72.29 *	78.79 *	83.61 *	86.95 *	89.16 *
-19.5	0.00	1.31	14.96	37.63 *	59.50 *	72.32 *	78.69 *	83.47 *	86.57 *	88.54 *
-22.5	0.00	1.27	14.58	37.10 *	59.18 *	72.20 *	78.84 *	83.55 *	86.50 *	88.24 *
-25.5	0.00	1.22	14.10	36.50 *	58.39 *	71.92 *	78.81 *	83.86 *	87.01 *	88.94 *
-29.0	0.00	1.16	13.43	35.11 *	57.17 *	70.92 *	78.37 *	84.06 *	87.92 *	90.53 *
-33.0	0.00	1.08	12.50	33.42 *	55.01 *	68.94 *	76.74 *	83.34 *	87.98 *	91.30 *
-37.5	0.00	0.98	11.41	30.99 *	51.72 *	65.57 *	73.01 *	79.56 *	84.47 *	88.00 *
-42.5	0.00	0.85	9.96	27.68 *	47.02 *	59.42 *	66.46 *	72.32 *	76.63 *	79.68 *
-47.5	0.00	0.70	8.30	24.00	41.12 *	52.12 *	58.08 *	63.11 *	66.30 *	68.50 *
-55.0	0.00	0.45	6.07	17.85	31.14 *	39.41 *	43.77 *	47.13 *	49.43 *	50.99 *
-65.0	0.00	0.23	3.23	9.73	17.56	22.40	24.87	26.38	27.52 *	28.16 *
-75.0	0.00	0.14	1.16	3.71	6.83	8.49	9.44	9.89	9.85	9.76
-85.0	0.00	0.05	0.20	0.36	0.76	1.02	1.10	1.11	1.05	0.96
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	1.66	1.55	1.44	1.40	1.36	1.35	1.37	1.33	1.29	1.25
75.0	21.02	21.39	21.56	21.49	21.35	21.25	21.12	20.97	20.82	20.77
65.0	58.40 *	60.04 *	61.50 *	62.52 *	63.21 *	63.76 *	64.13 *	64.36 *	64.66 *	64.79 *
55.0	99.14 *	102.32 *	105.05 *	107.00 *	108.58 *	110.04 *	111.19 *	112.07 *	112.77 *	113.26 *
47.5	132.64 *	136.17 *	138.98 *	141.02 *	142.38 *	143.90 *	145.05 *	146.07 *	146.76 *	147.17 *
42.5	158.18 *	161.94 *	164.97 *	166.88 *	168.42 *	169.79 *	171.07 *	172.07 *	172.72 *	173.19 *
37.5	185.39 *	190.31 *	193.84 *	196.43 *	198.17 *	199.80 *	201.28 *	202.32 *	203.04 *	203.63 *
33.0	207.16 *	213.92 *	219.76 *	223.62 *	226.05 *	228.40 *	230.20 *	231.75 *	232.86 *	233.61 *
29.0	219.08 *	227.97 *	235.59 *	241.05 *	245.28 *	248.32 *	251.23 *	253.82 *	255.32 *	256.19 *
25.5	219.56 *	230.80 *	240.20 *	247.65 *	252.00 *	256.37 *	261.05 *	263.37 *	265.00 *	266.68 *
22.5	213.78 *	225.78 *	236.21 *	244.00 *	249.62 *	254.43 *	259.14 *	261.81 *	264.18 *	266.37 *
19.5	203.54 *	215.74 *	226.49 *	234.20 *	239.94 *	244.96 *	249.79 *	252.95 *	255.51 *	257.88 *
17.0	192.87 *	204.48 *	215.16 *	222.87 *	228.56 *	233.47 *	237.85 *	241.17 *	243.94 *	245.97 *
15.0	183.99 *	195.09 *	204.97 *	212.76 *	218.16 *	223.13 *	227.12 *	230.41 *	233.20 *	234.82 *
13.0	174.85 *	185.51 *	194.84 *	202.00 *	207.44 *	211.94 *	215.99 *	218.94 *	221.38 *	223.13 *
11.0	165.87 *	175.77 *	184.74 *	191.41 *	196.26 *	200.79 *	204.31 *	207.39 *	209.43 *	211.33 *
9.0	156.44 *	165.81 *	174.26 *	180.58 *	185.30 *	189.14 *	192.69 *	195.57 *	197.55 *	199.04 *
7.0	146.76 *	155.53 *	163.44 *	169.39 *	173.72 *	177.56 *	180.83 *	183.26 *	185.53 *	186.66 *
5.0	137.17 *	145.28 *	152.49 *	157.89 *	161.79 *	165.23 *	168.28 *	170.72 *	172.58 *	173.99 *
3.0	128.88 *	135.77 *	142.01 *	146.59 *	150.09 *	153.22 *	155.91 *	157.97 *	159.69 *	160.72 *
1.0	121.21 *	127.20 *	132.60 *	136.63 *	139.66 *	142.22 *	144.50 *	146.42 *	147.92 *	148.86 *
0.0	117.42 *	123.02 *	128.10 *	131.92 *	134.65 *	137.07 *	139.19 *	140.94 *	142.36 *	143.55 *
-1.0	114.11 *	119.28 *	123.89 *	127.44 *	130.10 *	132.34 *	134.29 *	135.94 *	137.28 *	138.35 *
-3.0	107.63 *	111.83 *	115.68 *	118.67 *	120.96 *	122.99 *	124.76 *	126.01 *	127.00 *	127.75 *
-5.0	102.02 *	105.55 *	108.62 *	110.97 *	112.76 *	114.23 *	115.47 *	116.56 *	117.43 *	118.04 *
-7.0	98.49 *	101.00 *	103.13 *	104.89 *	106.05 *	107.08 *	108.15 *	109.08 *	109.47 *	110.20 *
-9.0	95.80 *	97.66 *	99.40 *	100.70 *	101.52 *	102.38 *	103.11 *	103.66 *	104.12 *	104.49 *
-11.0	93.86 *	95.48 *	96.90 *	97.85 *	98.50 *	99.09 *	99.71 *	100.05 *	100.32 *	100.46 *
-13.0	92.53 *	93.90 *	94.96 *	95.66 *	96.11 *	96.77 *	97.05 *	97.40 *	97.54 *	97.72 *
-15.0	91.45 *	92.53 *	93.36 *	93.90 *	94.45 *	94.73 *	95.04 *	95.17 *	95.34 *	95.46 *
-17.0	90.54 *	91.40 *	92.17 *	92.73 *	92.97 *	93.22 *	93.39 *	93.55 *	93.60 *	93.61 *
-19.5	89.68 *	90.56 *	91.19 *	91.54 *	91.68 *	91.82 *	91.97 *	92.07 *	92.03 *	92.12 *
-22.5	89.42 *	90.18 *	90.62 *	90.79 *	90.89 *	91.10 *	91.11 *	91.17 *	91.23 *	91.27 *
-25.5	90.03 *	90.68 *	90.99 *	91.23 *	91.33 *	91.40 *	91.26 *	91.40 *	91.51 *	91.55 *
-29.0	91.80 *	92.60 *	93.06 *	93.27 *	93.36 *	93.39 *	93.30 *	93.23 *	93.24 *	93.12 *
-33.0	93.27 *	94.55 *	95.31 *	95.53 *	95.55 *	95.72 *	95.72 *	95.46 *	95.32 *	95.23 *
-37.5	90.35 *	91.85 *	92.79 *	93.35 *	93.85 *	93.85 *	93.92 *	93.99 *	94.12 *	94.24 *
-42.5	81.34 *	82.73 *	83.81 *	84.55 *	85.10 *	85.54 *	85.93 *	86.32 *	86.64 *	86.88 *
-47.5	70.11 *	71.32 *	72.50 *	73.37 *	73.92 *	74.49 *	74.92 *	75.37 *	75.68 *	75.91 *
-55.0	52.28 *	53.40 *	54.38 *	55.11 *	55.62 *	56.04 *	56.46 *	56.82 *	57.04 *	57.12 *
-65.0	28.58 *	28.44 *	28.24 *	28.10 *	28.02 *	27.89 *	27.80 *	27.64 *	27.52 *	27.32 *
-75.0	9.57	9.42	9.26	9.25	9.21	9.18	9.14	9.09	9.04	9.02
-85.0	0.96	0.96	0.95	0.94	0.94	0.92	0.93	0.93	0.94	0.96
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	1.24	1.23	1.22	1.23	1.24	1.25	1.29	1.33	1.37	1.35
75.0	20.90	21.08	21.17	21.08	20.90	20.77	20.82	20.97	21.12	21.25
65.0	65.29 *	65.37 *	65.41 *	65.37 *	65.29 *	64.79 *	64.66 *	64.36 *	64.13 *	63.76 *

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CANDELA TABULATION - (Cont.)

55.0	113.91 *	113.98 *	114.01 *	113.98 *	113.91 *	113.26 *	112.77 *	112.07 *	111.19 *	110.04 *
47.5	147.82 *	147.99 *	148.07 *	147.99 *	147.82 *	147.17 *	146.76 *	146.07 *	145.05 *	143.90 *
42.5	173.86 *	173.81 *	173.78 *	173.81 *	173.86 *	173.19 *	172.72 *	172.07 *	171.07 *	169.79 *
37.5	204.03 *	204.88 *	204.98 *	204.88 *	204.03 *	203.63 *	203.04 *	202.32 *	201.28 *	199.80 *
33.0	234.47 *	234.95 *	234.92 *	234.95 *	234.47 *	233.61 *	232.86 *	231.75 *	230.20 *	228.40 *
29.0	257.11 *	257.52 *	257.52 *	257.52 *	257.11 *	256.19 *	255.32 *	253.82 *	251.23 *	248.32 *
25.5	267.66 *	267.72 *	267.50 *	267.72 *	267.66 *	266.68 *	265.00 *	263.37 *	261.05 *	256.37 *
22.5	267.94 *	268.02 *	267.35 *	268.02 *	267.94 *	266.37 *	264.18 *	261.81 *	259.14 *	254.43 *
19.5	259.33 *	259.35 *	258.64 *	259.35 *	259.33 *	257.88 *	255.51 *	252.95 *	249.79 *	244.96 *
17.0	247.56 *	247.64 *	246.89 *	247.64 *	247.56 *	245.97 *	243.94 *	241.17 *	237.85 *	233.47 *
15.0	236.28 *	236.33 *	235.47 *	236.33 *	236.28 *	234.82 *	233.20 *	230.41 *	227.12 *	223.13 *
13.0	224.28 *	224.70 *	223.41 *	224.70 *	224.28 *	223.13 *	221.38 *	218.94 *	215.99 *	211.94 *
11.0	211.99 *	212.71 *	211.04 *	212.71 *	211.99 *	211.33 *	209.43 *	207.39 *	204.31 *	200.79 *
9.0	199.79 *	200.35 *	198.48 *	200.35 *	199.79 *	199.04 *	197.55 *	195.57 *	192.69 *	189.14 *
7.0	187.45 *	187.70 *	185.81 *	187.70 *	187.45 *	186.66 *	185.53 *	183.26 *	180.83 *	177.56 *
5.0	174.46 *	173.76 *	173.08 *	173.76 *	174.46 *	173.99 *	172.58 *	170.72 *	168.28 *	165.23 *
3.0	161.65 *	161.41 *	159.70 *	161.41 *	161.65 *	160.72 *	159.69 *	157.97 *	155.91 *	153.22 *
1.0	149.44 *	149.63 *	148.85 *	149.63 *	149.44 *	148.86 *	147.92 *	146.42 *	144.50 *	142.22 *
0.0	144.21 *	144.06 *	143.85 *	144.06 *	144.21 *	143.55 *	142.36 *	140.94 *	139.19 *	137.07 *
-1.0	138.63 *	138.63 *	137.97 *	138.63 *	138.63 *	138.35 *	137.28 *	135.94 *	134.29 *	132.34 *
-3.0	128.12 *	127.94 *	126.83 *	127.94 *	128.12 *	127.75 *	127.00 *	126.01 *	124.76 *	122.99 *
-5.0	118.48 *	118.66 *	117.59 *	118.66 *	118.48 *	118.04 *	117.43 *	116.56 *	115.47 *	114.23 *
-7.0	110.27 *	110.33 *	109.94 *	110.33 *	110.27 *	110.20 *	109.47 *	109.08 *	108.15 *	107.08 *
-9.0	104.61 *	104.78 *	104.30 *	104.78 *	104.61 *	104.49 *	104.12 *	103.66 *	103.11 *	102.38 *
-11.0	100.83 *	100.81 *	100.40 *	100.81 *	100.83 *	100.46 *	100.32 *	100.05 *	99.71 *	99.09 *
-13.0	97.88 *	97.88 *	97.70 *	97.88 *	97.88 *	97.72 *	97.54 *	97.40 *	97.05 *	96.77 *
-15.0	95.52 *	95.57 *	95.46 *	95.57 *	95.52 *	95.46 *	95.34 *	95.17 *	95.04 *	94.73 *
-17.0	93.69 *	93.78 *	93.78 *	93.78 *	93.69 *	93.61 *	93.60 *	93.55 *	93.39 *	93.22 *
-19.5	92.13 *	92.21 *	92.27 *	92.21 *	92.13 *	92.12 *	92.03 *	92.07 *	91.97 *	91.82 *
-22.5	91.21 *	91.30 *	91.40 *	91.30 *	91.21 *	91.27 *	91.23 *	91.17 *	91.11 *	91.10 *
-25.5	91.49 *	91.62 *	91.77 *	91.62 *	91.49 *	91.55 *	91.51 *	91.40 *	91.26 *	91.40 *
-29.0	93.03 *	93.24 *	93.42 *	93.24 *	93.03 *	93.12 *	93.24 *	93.23 *	93.30 *	93.39 *
-33.0	95.19 *	95.40 *	95.53 *	95.40 *	95.19 *	95.23 *	95.32 *	95.46 *	95.72 *	95.72 *
-37.5	94.33 *	94.68 *	94.79 *	94.68 *	94.33 *	94.24 *	94.12 *	93.99 *	93.92 *	93.85 *
-42.5	87.20 *	87.25 *	87.28 *	87.25 *	87.20 *	86.88 *	86.64 *	86.32 *	85.93 *	85.54 *
-47.5	76.25 *	76.26 *	76.27 *	76.26 *	76.25 *	75.91 *	75.68 *	75.37 *	74.92 *	74.49 *
-55.0	57.35 *	57.24 *	57.18 *	57.24 *	57.35 *	57.12 *	57.04 *	56.82 *	56.46 *	56.04 *
-65.0	27.28 *	27.03 *	26.91 *	27.03 *	27.28 *	27.32 *	27.52 *	27.64 *	27.80 *	27.89 *
-75.0	8.97	8.92	8.90	8.92	8.97	9.02	9.04	9.09	9.14	9.18
-85.0	0.92	0.87	0.85	0.87	0.92	0.96	0.94	0.93	0.93	0.92
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert.
Angles**

Horizontal Angles

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	1.36	1.40	1.44	1.55	1.66	1.76	1.65	1.60	1.49	1.26
75.0	21.35	21.49	21.56	21.39	21.02	20.30	19.14	17.55	15.20	12.52
65.0	63.21 *	62.52 *	61.50 *	60.04 *	58.40 *	55.33 *	51.62 *	46.78 *	41.10 *	35.00 *
55.0	108.58 *	107.00 *	105.05 *	102.32 *	99.14 *	94.78 *	89.63 *	83.00 *	74.43 *	64.41 *
47.5	142.38 *	141.02 *	138.98 *	136.17 *	132.64 *	128.06 *	121.88 *	114.13 *	102.06 *	86.82 *
42.5	168.42 *	166.88 *	164.97 *	161.94 *	158.18 *	152.76 *	145.63 *	134.98 *	119.06 *	98.24 *
37.5	198.17 *	196.43 *	193.84 *	190.31 *	185.39 *	178.29 *	168.01 *	152.90 *	131.45 *	106.23 *
33.0	226.05 *	223.62 *	219.76 *	213.92 *	207.16 *	197.53 *	183.53 *	163.28 *	136.56 *	107.14 *
29.0	245.28 *	241.05 *	235.59 *	227.97 *	219.08 *	205.98 *	187.40 *	163.88 *	135.13 *	105.40 *
25.5	252.00 *	247.65 *	240.20 *	230.80 *	219.56 *	204.27 *	184.37 *	159.85 *	130.65 *	101.80 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L052510785.IES

CANDELA TABULATION - (Cont.)

22.5	249.62 *	244.00 *	236.21 *	225.78 *	213.78 *	197.94 *	177.31 *	152.87 *	125.08 *	97.75 *
19.5	239.93 *	234.20 *	226.49 *	215.74 *	203.54 *	187.47 *	167.96 *	144.67 *	118.27 *	93.60 *
17.0	228.56 *	222.87 *	215.16 *	204.48 *	192.87 *	177.69 *	159.19 *	137.23 *	113.03 *	89.41 *
15.0	218.16 *	212.76 *	204.97 *	195.09 *	183.99 *	169.53 *	151.96 *	131.32 *	108.27 *	87.07 *
13.0	207.44 *	202.00 *	194.84 *	185.51 *	174.85 *	161.36 *	144.64 *	125.18 *	103.92 *	84.34 *
11.0	196.26 *	191.41 *	184.74 *	175.77 *	165.87 *	152.95 *	137.20 *	119.10 *	99.68 *	81.44 *
9.0	185.30 *	180.58 *	174.26 *	165.81 *	156.44 *	144.30 *	129.79 *	113.18 *	95.33 *	79.74 *
7.0	173.72 *	169.39 *	163.44 *	155.53 *	146.76 *	135.81 *	122.44 *	107.69 *	92.35 *	77.87 *
5.0	161.79 *	157.89 *	152.49 *	145.28 *	137.17 *	127.61 *	116.19 *	103.11 *	89.06 *	76.06 *
3.0	150.09 *	146.59 *	142.01 *	135.77 *	128.88 *	120.31 *	110.13 *	98.78 *	86.85 *	75.21 *
1.0	139.66 *	136.63 *	132.60 *	127.20 *	121.21 *	113.78 *	104.94 *	94.99 *	84.33 *	73.89 *
0.0	134.65 *	131.92 *	128.10 *	123.02 *	117.42 *	110.47 *	102.25 *	92.97 *	83.07 *	73.22 *
-1.0	130.10 *	127.44 *	123.89 *	119.28 *	114.11 *	107.75 *	100.24 *	91.80 *	82.56 *	73.12 *
-3.0	120.96 *	118.67 *	115.68 *	111.83 *	107.63 *	102.34 *	96.12 *	89.30 *	81.54 *	72.92 *
-5.0	112.76 *	110.97 *	108.62 *	105.55 *	102.02 *	98.19 *	93.40 *	87.51 *	80.34 *	72.38 *
-7.0	106.05 *	104.89 *	103.13 *	101.00 *	98.49 *	95.30 *	91.16 *	86.24 *	79.91 *	72.28 *
-9.0	101.52 *	100.70 *	99.40 *	97.66 *	95.80 *	93.19 *	89.86 *	85.38 *	79.43 *	72.24 *
-11.0	98.50 *	97.85 *	96.90 *	95.48 *	93.86 *	91.70 *	88.81 *	84.76 *	79.19 *	72.15 *
-13.0	96.11 *	95.66 *	94.96 *	93.90 *	92.53 *	90.63 *	88.02 *	84.27 *	78.98 *	72.24 *
-15.0	94.45 *	93.90 *	93.36 *	92.53 *	91.45 *	89.77 *	87.42 *	83.89 *	78.84 *	72.29 *
-17.0	92.97 *	92.73 *	92.17 *	91.40 *	90.54 *	89.16 *	86.95 *	83.61 *	78.79 *	72.29 *
-19.5	91.68 *	91.54 *	91.19 *	90.56 *	89.68 *	88.54 *	86.57 *	83.47 *	78.69 *	72.32 *
-22.5	90.89 *	90.79 *	90.62 *	90.18 *	89.42 *	88.24 *	86.50 *	83.55 *	78.84 *	72.20 *
-25.5	91.33 *	91.23 *	90.99 *	90.68 *	90.03 *	88.94 *	87.01 *	83.86 *	78.81 *	71.92 *
-29.0	93.36 *	93.27 *	93.06 *	92.60 *	91.80 *	90.53 *	87.92 *	84.06 *	78.37 *	70.92 *
-33.0	95.55 *	95.53 *	95.31 *	94.55 *	93.27 *	91.30 *	87.98 *	83.34 *	76.74 *	68.94 *
-37.5	93.85 *	93.35 *	92.79 *	91.85 *	90.35 *	88.00 *	84.47 *	79.56 *	73.01 *	65.57 *
-42.5	85.10 *	84.55 *	83.81 *	82.73 *	81.34 *	79.68 *	76.63 *	72.32 *	66.46 *	59.42 *
-47.5	73.92 *	73.37 *	72.50 *	71.32 *	70.11 *	68.50 *	66.30 *	63.11 *	58.08 *	52.12 *
-55.0	55.62 *	55.11 *	54.38 *	53.40 *	52.28 *	50.99 *	49.43 *	47.13 *	43.77 *	39.41 *
-65.0	28.02 *	28.10 *	28.24 *	28.44 *	28.58 *	28.16 *	27.52 *	26.38	24.87	22.40
-75.0	9.21	9.25	9.26	9.42	9.57	9.76	9.85	9.89	9.44	8.49
-85.0	0.94	0.94	0.95	0.96	0.96	0.96	1.05	1.11	1.10	1.02
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

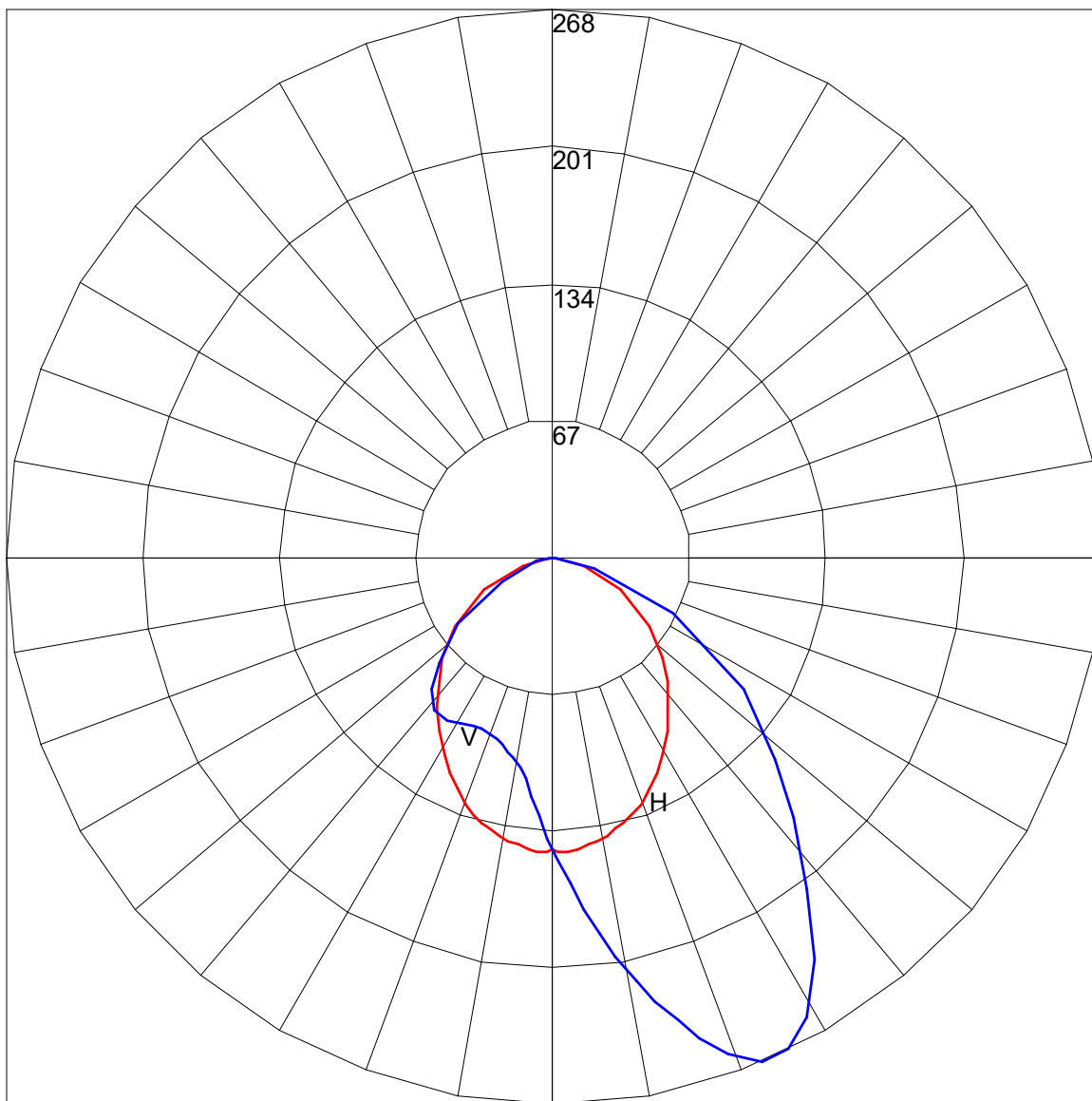
Vert. Angles	Horizontal Angles				
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0.00	0.00	0.00	0.00	0.00
85.0	0.84	0.42	0.15	0.02	0.00
75.0	8.94	3.69	0.86	0.07	0.00
65.0	24.69	9.83	2.36	0.13	0.00
55.0	44.75 *	17.40	4.57	0.32	0.00
47.5	56.89 *	22.53	6.38	0.56	0.00
42.5	62.82 *	25.43	7.72	0.70	0.00
37.5	65.80 *	27.52 *	8.99	0.84	0.00
33.0	66.22 *	29.18 *	10.05	0.95	0.00
29.0	65.68 *	30.68 *	11.04	1.04	0.00
25.5	64.55 *	31.77 *	11.82	1.11	0.00
22.5	62.71 *	32.09 *	12.43	1.16	0.00
19.5	62.06 *	33.02 *	12.96	1.21	0.00
17.0	61.06 *	33.69 *	13.44	1.25	0.00
15.0	59.95 *	34.13 *	13.80	1.28	0.00
13.0	59.61 *	34.49 *	14.13	1.30	0.00
11.0	59.31 *	34.76 *	14.43	1.36	0.00
9.0	58.83 *	35.32 *	14.70	1.37	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L052510785.IES

CANDELA TABULATION - (Cont.)

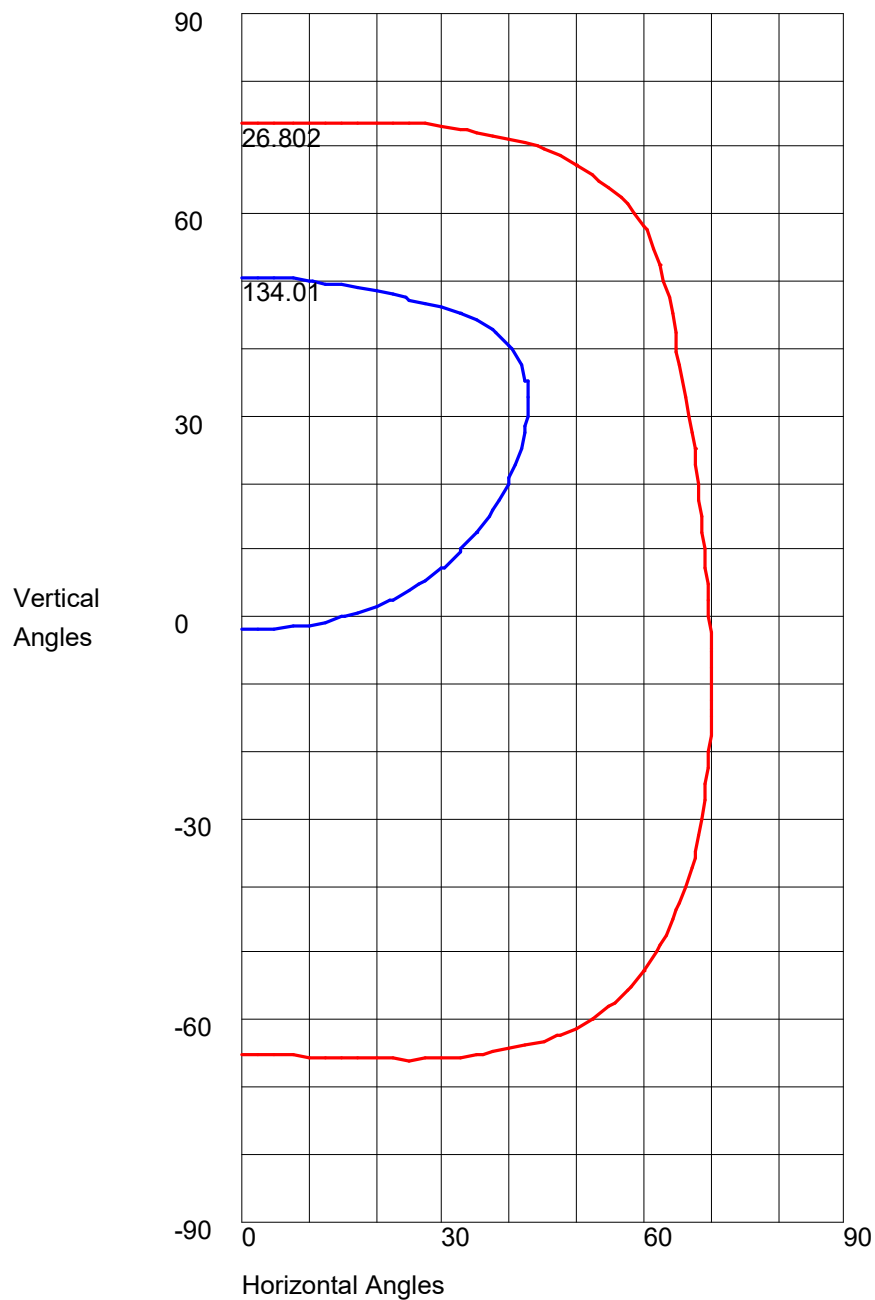
7.0	58.26 *	35.84 *	14.93	1.37	0.00
5.0	58.40 *	36.29 *	15.25	1.38	0.00
3.0	58.53 *	36.75 *	15.35	1.38	0.00
1.0	58.32 *	36.98 *	15.45	1.39	0.00
0.0	58.21 *	37.10 *	15.50	1.39	0.00
-1.0	58.40 *	37.30 *	15.56	1.39	0.00
-3.0	58.78 *	37.69 *	15.69	1.40	0.00
-5.0	58.86 *	37.86 *	15.82	1.40	0.00
-7.0	58.97 *	38.03 *	15.73	1.41	0.00
-9.0	59.21 *	38.12 *	15.71	1.42	0.00
-11.0	59.38 *	38.11 *	15.65	1.42	0.00
-13.0	59.47 *	38.16 *	15.56	1.37	0.00
-15.0	59.50 *	38.09 *	15.42	1.35	0.00
-17.0	59.55 *	37.94 *	15.24	1.33	0.00
-19.5	59.50 *	37.63 *	14.96	1.31	0.00
-22.5	59.18 *	37.10 *	14.58	1.27	0.00
-25.5	58.39 *	36.50 *	14.10	1.22	0.00
-29.0	57.17 *	35.11 *	13.43	1.16	0.00
-33.0	55.01 *	33.42 *	12.50	1.08	0.00
-37.5	51.72 *	30.99 *	11.41	0.98	0.00
-42.5	47.02 *	27.68 *	9.96	0.85	0.00
-47.5	41.12 *	24.00	8.30	0.70	0.00
-55.0	31.14 *	17.85	6.07	0.45	0.00
-65.0	17.56	9.73	3.23	0.23	0.00
-75.0	6.83	3.71	1.16	0.14	0.00
-85.0	0.76	0.36	0.20	0.05	0.00
-90.0	0.00	0.00	0.00	0.00	0.00

AXIAL CANDELA DISPLAY



Maximum Candela = 268.02 Located At Horizontal Angle = -1, Vertical Angle = 22.5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 268.02 Located At Horizontal Angle = -1, Vertical Angle = 22.5
50% Maximum Candela = 134.01
10% Maximum Candela = 26.802